electrodes, and also adapted for placing said second set of electrodes into [which are located in] contact with said patient's heart.

7. (Twice Amended) The catheter assembly of claim 9 wherein said [first] second positioning means is substantially spherical in shape.

8. (Twice Amended) The catheter assembly of claim 9 wherein said [second] first positioning means is substantially cylindrical in shape.

9. (Twice Amended) The catheter assembly of claim 3 operatively configured as a mapping catheter for use in mapping cardiac electrical potentials of said patient's heart, the catheter assembly further comprising:

[(c)] (d) a [first] second positioning means coupled to said electrode array adapted for spacing said electrode array apart from and not in contact with a surface of the patient's heart, [(d) a second positioning means coupled to said second set of electrodes adapted for placing said second set of electrodes into contact with a surface of said patient's heart, and]

(e) a third set of electrodes, and

(f) a third positioning means coupled to [a] the third set of electrodes adapted for placing a third predetermined subset of said electrodes into a position in a wall of said patient's heart.

10. (Twice Amended) The catheter assembly of claim 3 operatively configured as a mapping catheter for use in mapping electrical potentials of a heart chamber interior of said patient's heart, the catheter assembly further comprising:

(d) a flexible lead body,

(e) [connected to] a deformable lead body connected to said flexible lead body, said flexible lead body and said deformable lead body having a lumen formed therethrough, said deformable lead body being deformable to a first collapsed position wherein said deformable lead body has a substantially cylindrical shape, said deformable lead body further being deformable to a second expanded position wherein said deformable lead body has a substantially spherical shape, the first set of electrodes being located on said deformable lead body, and

(f) wherein the first positioning means is a reference catheter having a tip and being located within the lumen, the second set of electrodes being located on [a] said tip of [a] said reference catheter [within said lumen] and supported for relative motion